

Appln. No. 09/742,033

Amdt. dated November 24, 2003

Response to Final Office Action of May 30, 2003

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### Listing of Claims:

- NE  
1/13/04  
JDE
1. Canceled
  2. Canceled
  3. (Currently Amended) A compound which comprises an electrochemiluminescent

label linked to a coreactant, wherein: ~~said coreactant undergoes oxidation to form a reductant or reduction to form an oxidant, such that said compound emits electrochemiluminescence when exposed to electrochemical energy~~

- (i) said coreactant can be oxidized to form a reductant or reduced to form an oxidant; and
- (ii) on exposure of said compound to electrochemical energy sufficient to form said reductant or said oxidant, said reductant or oxidant reacts with said label so as to cause said label to emit electrochemiluminescence.

4. (Currently Amended) A compound which comprises an electrochemiluminescent label including a coordinate complex of a metal, which label is linked to an electrochemiluminescence coreactant, wherein: ~~said coreactant undergoes oxidation to form a reductant or reduction to form an oxidant, such that said compound emits electrochemiluminescence when exposed to electrochemical energy~~

- (i) said coreactant can be oxidized to form a reductant or reduced to form an oxidant; and